TETTENHALL
URBAN SANITARY AUTHORITY.

MEDICAL OFFICER OF HEALTH'S REPORT FOR 1894.

June 15. 1895.

Dear Sir

I beg to enclose copy of my Report for 1894.

Yours truly

A. H. D. Weston

Tettenhall District Council.

MEDICAL OFFICER OF HEALTH'S REPORT FOR 1894.

11th ANNUAL REPORT.

Population Census, 1881	4636
" " 1891 (June)	5145
Population Estimated by natural increase to June, 1894	5344
Area in Statue Acres	1220
Inhabitated Houses, 1881	940
" " 1891	1056
Board Constituted	1883
Adoption of Bye-Laws	1887
" Notification Act	1889
Sewerage Works commenced 1890, finished	1892
Isolation Hospital provided	1891

TABLES.

A—Tables of Deaths.

B—Table of Population, Births and New Cases of Infectious Disease.

C—Table of Nuisances.

D—Details of Table C.

E—Table of Epidemics from 1883 to 1894.

MEDICAL OFFICER OF HEALTH'S REPORT FOR 1894

To the Chairman of the Tettenhall District Council.

Sir,

One hundred and forty two Births and Sixty-nine Deaths were registered during the year.

Estimating the population to the middle of 1894 at 5344, that would give a Birth rate of 26·5 and a Death rate of 12·9.

The Infant mortality was 77·4.

Year.	Population	Births.	Deaths.	Birth Rate.	Death Rate
1891	5145	135	62	26·2	12·0
1892	5239	128	68	24·2	12·9
1893	5314	154	77	28·9	14·4
1894	5344	142	69	26·5	12·9

Death is attributed to the following causes: Scarlet Fever, 1; Diphtheria, 5; Croup, 1; Puerperal Fever, 1; Erysipelas, 1; Measles, 3: Whooping Cough, 1; Dysentery, 1; Rheumatic Fever, 1: Consumption, 4; Bronchitis and Pneumonia, 13; Injuries, 2: all other diseases, 35.

The age at death is shown in Table A.

Infectious Diseases. Sixty-two cases of Infectious Diseases were notified, viz:—Scarlet Fever, 46; Diphtheria, 12; Typhoid, 2; Erysipelas, 1; Membranous Croup, 1.

Forty houses were infected, viz:—Scarlet Fever, 28; Diphtheria, 8; Typhoid, 2; Erysipelas, 1; Croup, 1.

Some cases of Measles and Whooping Cough occured during the year.

Seventeen cases of Scarlet Fever were treated in the Infectious Hospital and three at the Wolverhampton General Hospital.

Reference to Table E will show that the Scarlet Fever and Diphtheria Epidemics were more extensive than at any time since the constitution of the Board.

Scarlet Fever occured more or less throughout the year at scattered centres, at Finchfield, Compton, Tettenhall Wood, and Tettenhall, and in most instances it was impossible to connect one case with others. The disease was of a mild type and only one death took place.

It will be necessary to enter more fully into the history of the outbreak of Diphtheria.

On January 1 a boy in Nursery Walk contracted the disease. The water was analysed and condemned and was probably the source of the disease.

On June 6 a boy of 3 was attacked in the Lower Street, and died July 18. The sanitary surroundings were bad and the midden rarely emptied.

On July 22 a girl of 13 was notified to have the disease and died the next day. It appears she had been ill for six days. The disposal of offal on these premises has constantly occupied the attention of the Board.

On September 5 a girl of 5 died of Diphtheria after a very short illness at Wightwick. The offensive condition of the brook was in all probability responsible for the illness.

From September 10 to 14 four cases of Diphtheria occurred at the Old Workhouse, Wrottesley Lane. Three of these recovered but one child died. The insanitary condition of this building was fully reported to the Board at that time. The water was contaminated and the place riddled with cesspools.

On September 20 and 22 two mild cases of Diphtheria were reported from Wightwick. They lived in an old and overcrowded house with a well liable to contamination.

A girl of 17 contracted Diphtheria at her situation in Penn Fields. She was sent home and died in a short time.

The last case was reported from Lime Street, Tettenhall, on November 4. The cause of the infection was not apparent from the surrounding conditions.

In all there were 12 cases of Diphtheria in 8 houses, five cases being fatal.

Two cases of Typhoid were reported. The first on January 3rd from Grove Lane was removed to the General Hospital where the patient died. The water supply had been condemned in the previous year, but till 94 it was impossible to lay on a supply of tap water.

The other case was reported on July 17 and recovered.

Measles. The Tettenhall Wood Schools were closed from March 6th to April 7th, owing to an outbreak of Measles which attacked about 40 children attending the Schools.

The condition of the Smestow Brook during the year was deplorable. The efforts of the Board to keep this water course clear by preventing pollution in its course through Tettenhall, and the cleansing of the brook in 1893, have been rendered nugatory by the volume of sewage contributed by other authorities.

The Insanitary conditions of property in School Road, Tettenhall Wood, Wightwick, and Wrottesley Lane, which were reported to the Board, have been remedied.

During the year 23 samples of water were analysed and 11 condemned as unfit for use.

Tap water has been laid on 102 houses.

130 houses were connected with the sewere during the year making a total of 730 houses connected since the new sewerage scheme came into operation.

Foul conditions and structural defects of houses have been remedied in 25 instances; 76 ashpits have been cleared; 13 deposits of manure removed; 4 water closets built; 23 defective traps made good; and nuisances from animals abated in 9 cases.

The Inspectors of nuisances have made 20 inspections of Milkshops and Dairies; 40 of Cowsheds; 24 of Bakehouses; and 12 of Slaughterhouses.

I am,

Yours faithfully,

W. H. T. WINTER.

TABLE OF **DEATHS** DURING THE YEAR 1894, IN THE URBAN SANITARY DISTRICT OF TETTENHALL, CLASSIFIED ACCORDING TO DISEASES, AGES AND LOCALITIES.

TABLE A.

Mortality from all causes, at subjoined Ages.								Mortality from subjoined causes, distinguishing Deaths of Children under Five Years of Age.																				
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												Fevers.																	
At all ages. (b)	Under 1 year. (c)	1 and under 5 (d)	5 and under 15 (e)	15 and under 25 (f)	25 and under 60 (g)	60 and Upwards (h)	(i)	Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal	Cholera.	Erysipelas.	Measles.	Whooping Cough	Diarrhœa & Dysentery.	Rheumatic Fever.	Ague.	Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Injuries.	All other Diseases.	Total.
69	11	10	3	5	16	24	Under 5	..	1	4	1	..	..	..	..	..	..	..	2	1	..	..	..	..	2	..	..	10	21
							5 upw'ds			1						1		1	1		1	1		4	11		2	25	48

TABLE OF **POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS,** COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH, DURING THE YEAR, 1894, IN THE URBAN SANITARY DISTRICT OF TETTENHALL; CLASSIFIED ACCORDING TO DISEASES, AGES AND LOCALITIES.

TABLE B.

Population. At all Ages. Census 1891 (b)	Estimated to middle of 1894	Registered Births. (c)	Aged under 5 or over 5. (d)	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.													Number of such Cases Removed from their Homes in the several Localities for Treatment in Isolation Hospital.												
				1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	6	7	8	9	10	11	12	13
								Fevers.													Fevers.								
				Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.			Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.		
5145	5344	142	Under 5		12	5												10											
			.....	..	..	..	..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			5 upw'ds		34	7			2					1				10				1*							

* Treated in Wolverhampton and South Staffordshire General Hospital.

A SYNOPSIS OF NUISANCES DEALT WITH BY THE BOARD FROM JANUARY 1, 1884, TO DECEMBER 31, 1894.

TABLE C.

	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	X.	XI.
Year.	Infectious Cases.	School Notices issued.	Overcrowding.	Dangerous Buildings & Structural Defects of Dwellings	Defective House Drains.	Defective Road Drains.	Filthy Privies and Ashpits.	Nuisances from Animals and Offensive Accumulations	Deficient and Impure Water.	Miscellaneous Nuisances.	Total.
1884	13		2	7	38	10	40	12	23		145
1885	3		6	12	36	4	36	13	2	3	137
1886	64		9	15	32	1	33	12	9		175
1887	22	6	3	16	24	2	25	20	187	1	136
1888	16	15	2	13	22		46	24	14		156
1889	33	34	2	10	21		66	24	31	1	222
1890	110	77	8	11	24		78	38	11		357
1891	21	8	7	5	35	6	161	58	15	11	327
1892	45	9	1	10	21	3	104	41	23	6	263
1893	37	16	5	4	54	3	49	25	24	1	218
1894	62	12	8	17	23		76	22	125	87	245
Total for Ten Years	426	177	53	120	330	29	714	279	320	100	2381

DETAILS OF TABLE C, 1894.

TABLE D.

Column in Table C.	Particulars of Nuisance.	Detailed Numbers.	Total.
I.—Infectious Cases	Scarlet Fever	46	
	Typhoid Fever	2	
	Diphtheria	12	
	Erysipelas	1	
	Croup	1	62
II.—School Notices			12
III.—Overcrowding			8
IV.—Structural Defects ..			17
V.—Defective House Drains ..			23
VI.—Defective Road Drains ..			
VII.—Filthy Privies and Ash Pits	The Midden System prevails in the District so Ash Pits and Privies are combined under one heading		76
VIII.—Nuisances from Animals and Offensive Accumulations	From Animals	9	
	Offensive accumulation	13	
	" Pigwash		22
IX.—Water	Impure Water	23	
	Deficient Supply	102	125
X.—Miscellaneous Nuisances..			

A COMPARATIVE TABLE OF EPIDEMICS FROM 1883—1894.

TABLE E.

	Small-Pox.		Scarlet Fever.		Diphtheria.		Typhoid.		Puerperal Fever.		Measles.		Epidemic Influenza.	
Year	No. of Cases	Died.	No. of Cases	Died.	No. of Cases	Died.	No. of Cases	Died	No. of Cases	Died.	No. of Cases	Died.	No. of Cases	Died.
1883			5		1									
1884	7	1	6				1				xx	2		
1885							1				5			
1886					1	1	1				115	5		
1887			1	1	1		8	3			34	5		
1888			2				1							
*1889											49	3	xx	
1890			16	1			3				86	1	xx	
1891			17				3	1	1		x	1	xx	
1892			14		6	2	6		1		3		x	
1893	1		29		1		6							
1894			46	1	12	5	2	1	1	1	40	3		
TOTALS.	8	1	136	3	22	8	32	5	3	1	332	21		

NOTE.—A few cases **x.** Prevalent **xx.** Very Prevalent **xxx.**

*Adoption of Infectious Diseases Notification Act.